

170343  
I.3  
12/12/02

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT**

**I. HEADING**

DATE: December 12, 2002

SUBJECT: **POLREP 33** Industrial Highway/Conservation Chemical Site, Gary, Lake County, IN

FROM: Steve Faryan, OSC, U.S. EPA, Region 5, ERB, RS1, Chicago, IL

TO: R. Worley, U.S. EPA, OSWER) ..... (Worley.Ray@epa.gov)  
R. Karl, U.S. EPA, Chief ERB, Chicago, IL ..... (karl.richard@epa.gov)  
W. Messenger, U.S. EPA, Chief ESS, Chicago, IL ..... (messenger.william@epa.gov)  
A. Marouf, U.S. EPA, H&S, Chicago, IL ..... (marouf.afif@epa.gov)  
C. Kawakami, U.S. EPA, ORC ..... (Kawakami.Cynthia@epa.gov)  
V. Mullins, U.S. EPA, ESS ..... (Mullins.Valerie@epa.gov)  
J. Maritote, U.S. EPA, ESS, Chicago, IL ..... (maritote.john@epa.gov)  
K. McCarty, U.S. EPA, Chief RS 2, Chicago, IL ..... (McCarty.Kevin@epa.gov)  
B. Kush, U.S. EPA, Chief OPA, Chicago, IL ..... (Kush.Beverly@epa.gov)  
B. Paulson, U.S. EPA, ORC ..... (Paulson.Bob@epa.gov)  
USGC Case Officer, NPFC, Washington, DC ..... (EPAPOLREPS@Ballston.uscg.mil)  
Paul Karas, Administrator, Gary Chicago Airport ..... FAX: 219-949-0573

**II. BACKGROUND**

CERCLA Site No: Z590  
CERCLIS ID Number: IND040888992  
Delivery Order Number: 3141-25  
Response Authority: OPA/CERCLA  
OPA ID Number: FPN#: 098022  
Account Number: 90  
NPL Status: Not on NPL  
IDEM Notification: Yes  
Start Date: Sept 1998  
Completion Date: Pending

**III. SITE INFORMATION**

A. See **POLREP 1-32** for previous U.S. EPA removal actions.

**IV. RESPONSE INFORMATION**

A. Situation

1. Planned Activities:

Construction of water treatment building was completed on December 10, 2002. Installation of the building wiring and HVAC initiated on 12/10 and will be completed this week. ERRS will complete all additional electrical hookups including the installation of the conduit and wiring for the signal switches, pumps, scavenger pumps and the control panel.

A pressure test was conducted of the oil and water lines from the extraction wells and was successful showing no leaks. The piping and electrical trench is being backfilled with sand.

2. Completed activities:

Monday, December 9, 2002, Kerr Construction continued work on the water treatment building, installing the overhead door and gutters and down spouts. ERRS continued to install conduit and wiring for the signal switches from the treatment building stub ups to the extraction wells.

Tuesday, December 10, 2002, Kerr Construction completed construction of the water treatment building. ERRS completed installation of conduit and wiring from the water treatment building stub ups to the extraction wells and pulled wiring into treatment building.

Wednesday, December 11, 2002, Circle Electric began electrical wiring and HVAC installation in treatment building. ERRS placed clean sand in bottom of pipe trench along extraction wells. Sand was placed underneath oil and water lines and underneath conduit where it was needed.

Thursday, December 12, 2002, installation of the wiring and HVAC system for the water treatment building continued. ERRS conducted a pressure test of the oil and water lines from the extraction wells to the water treatment building. ERRS filled each line with 10 psi of air and let sit for approximately 10 minutes. All the lines held air. After the pressure test was conducted, ERRS began backfilling the pipe trench.

3. Enforcement:  
Refer to Action Memorandum

B. Next Steps

Lime kiln dust or fly ash will be utilized to chemically fixate the excavated soil which failed TCLP for lead. Disposal at Allied Waste has been approved once fixation and confirmation sampling is completed. A treatability test was conducted on Friday December 6 and seven samples were shipped to the lab for TCLP lead analysis. Lab results are due on December 17.

C. Key Issues

Once the treatment systems are up and operational, U.S. EPA will operate the collection of oil for 3 years. At that time the Gary Chicago Airport will have to assess whether they will continue operation of the oil collection systems.

V. **COST INFORMATION (estimated as of December 9, 2002)**

A. CERCLA Funding(Conservation Chemical)

	<u>Total Cost To Date</u>	<u>Ceiling</u>
ERRS	\$ 430,092.33	\$ 690,000.00

ERRS	\$ 430,092.33	\$ 690,000.00
------	---------------	---------------

B. OPA Funding (Industrial Highway)

	<u>Total Cost To Date</u>	<u>Ceiling</u>
ERRS	\$ 1,183,440.32	\$ 1,240,000.00
START	\$ 20,983.89	\$ 32,000.00
Total	\$ 1,204,424.21	\$ 1,272,000.00

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. Waste Disposal

No waste has been disposed of as of December 12, 2002